

Amendments To The Specification

Please amend the specification at follows:

Page 3, between lines 22 and 23, please replace the paragraph inserted therein with the following amended paragraph:

The present invention also provides a ceramic heater comprising a ceramic substrate and a resistance heating body formed on a surface thereof, wherein the resistance heating body is formed on a face of the ceramic substrate opposite to a heating face thereof and a scattering of a thickness of the resistance heating body is within a range of $\pm 15\%$ of an average thickness, and a surface roughness of the resistance heating body is within a range of $0.05\ \mu\text{m}$ - $100\ \mu\text{m}$ as R_{max} and not more than ~~15%~~ 50% of an average thickness of the resistance heating body.